

WHAT IS CLAIMED IS

1. A system for data transmission and reception comprising:

a wireless data broadcast system broadcasting outgoing data from a data network to a plurality of users, the wireless data broadcast system further comprising:

one or more wireless broadcast repeaters;

5 a wireless data return path system receiving incoming data from the plurality of users and providing the incoming data to the data network, the wireless data return path system further comprising:

one or more wireless collector systems receiving data from a predetermined set of the plurality of users;

10 one or more return path repeater systems receiving data from one or more predetermined wireless collector systems; and

wherein the system uses terrestrial line-of-sight broadcasting in conjunction with satellite data transmission systems.